



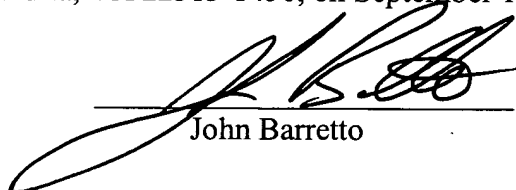
PATENTS  
Application Serial No. 09/805,590  
Attorney Docket No. CKB-016.01  
(Formerly Attorney Docket No. C1104-70016)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Kevin J. Dowling	)	
Application No:	)	Art Unit: 2821
09/805,590	)	
Filed: March 13, 2001	)	Confirmation No.: 1160
For: LIGHT-EMITTING DIODE	)	
BASED PRODUCTS	)	Examiner: A, MINH D
	)	

**CERTIFICATE OF MAILING**

I hereby certify that the following paper is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 12, 2005.

  
John Barretto

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION-DISCLOSURE STATEMENT**

Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants request consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed before the mailing of a first Office Action after the filing of a Request for Continued Examination Under 37 C.F.R. §1.114.

No fee is required.

**Part II: Information Cited**

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

**Part III: Remarks**

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 USC § 102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

PATENTS

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Attorney Docket No. CKB-016.01

(Formerly Attorney Docket No. C1104-70016)

Please charge any additional fee occasioned by this paper to our Deposit Account

No. 06-1448, Reference CKB-016.01.

Respectfully submitted,

Date: September 12, 2005


**Customer No: 25181**

Patent Group

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A handwritten signature in black ink, appearing to read "Joseph Teja, Jr.", is written over a horizontal line.

Joseph Teja, Jr., Reg. No. 45,157

Attorney for Applicant

Tel. No. (617) 832-1183

Fax. No. (617) 832-7000

Form PTO-1449

**INFORMATION DISCLOSURE CITATION****IN AN APPLICATION**

(Use several sheets if necessary)

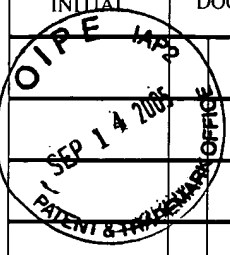
Docket Number (Optional)

CKB-016.01

Application Number

09/805,590

Applicant  
Dowling et al.Filing Date  
March 13, 2001Group Art Unit  
2821**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,787,752	01/22/1974	Delay			
	3,942,065	03/02/1976	Russ			
	4,151,547	04/24/1979	Rhoades et al.			
	4,267,559	05/12/1981	Johnson et al.			
	4,654,754	03/31/1987	Daszkowski			
	4,729,076	03/01/1988	Masami et al.			
	4,974,119	11/27/1990	Martin			
	4,929,866	05/29/1990	Murata et al.			
	4,935,665	06/19/1990	Murata			
	5,136,483	08/04/1992	Schoniger et al.			
	5,173,839	12/22/1992	Metz, Jr.			
	5,235,347	08/10/1993	Lee			
	5,262,658	11/16/1993	Jankowski			
	5,528,474	06/18/1996	Roney et al.			
	5,583,349	12/10/1996	Norman et al.			
	5,583,350	12/10/1996	Norman et al.			
	5,634,711	06/03/1997	Kennedy et al.			
	5,671,996	09/30/1997	Bos et al.			
	5,782,555	07/21/1998	Hochstein			
	5,808,592	09/15/1998	Mizutani et al.			
	5,857,767	01/12/1999	Hochstein			
	5,938,321	08/17/1999	Bos et al.			
	6,139,172	10/31/2000	Bos et al.			
	6,498,355	12/24/2002	Harrah et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	390479	03/27/1990	EP				
	507366	03/03/1992	EP				

Form PTO-1449

**INFORMATION DISCLOSURE CITATION****IN AN APPLICATION***(Use several sheets if necessary)*

Docket Number (Optional)

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		629508	06/13/1994	EP				
		876085	04/24/1998	EP				
		96/11499	04/18/1996	WO				
		6334223	12/02/1994	JP				Abstract
		9269746	10/14/1997	JP				Abstract
		9152840	06/10/1997	JP				Abstract
		7275200	10/24/1995	JP				Abstract
		10302514	11/13/1998	JP				Abstract Only

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages Etc.)*

	SCHLIG, Eugene S., "Electrothermal Considerations in Display Applications of Light-Emitting Diodes," <i>IEEE Transactions on Electron Devices</i> , vol. ED-19, no. 7, July 1982, pp. 847-851.
	ASAI, S. et al., "Heat Conductive Wire Matrix Board for Light Emitting Diode (LED) Dot Matrix Display," <i>Circuit World</i> , vol. 21, no. 4, 1995, pp. 27-31.
	"Cree Research, Inc. Announces Fiscal 1994 Results," <i>PR Newswire</i> , July 28, 1994, pp. 1-2;
	"Cree Research, Inc. Announces Acquisition of Full-Color LED Display Company," <i>PR Newswire</i> , August 9, 1994, pp. 1-2.
	MISHIKO, Yashuhiro, et al., "Large-Scale Color LED Display System," <i>National Technical Report</i> , vol. 33, no. 1, February 1987, pp. 94-101.
	MIYOSHI, Morimasa et al., "Large-Scale Color LED Stock-Information Display Board," <i>National Technical Report</i> , vol. 33, no. 1, February 1987, pp. 102-107.
	MOTOZONO, Takefumi et al., "LED Display Devices," <i>National Technical Report</i> , vol. 28, no. 1, February 1982, pp. 74-82.
	TSUJIKADO, Kazumi et al., "Large-Scale LED Display System," <i>National Technical Report</i> , vol. 42, no. 3, June 1996, pp. 18-25.
	SHIBATA, Kazuhisa, "Improvements in Multicolored LEDs May be Practical Display Alternative," <i>JEE</i> , August 1985, pp. 60-62.
	MURATA, Kazuhisa, "Developers Continue to Refine Blue LED Technologies for Display Use," <i>Display Devices</i> , 1992, serial no. 6, pp. 46-50.
	KOGA, Kazuyuki et al., "RGB Multi-Color LED DOT-Matrix Units and Their Application to Large-Size Flat Displays," <i>Optoelectronics-Devices and Technologies</i> , vol. 7, no. 2, pp. 221-229, December, 1992.

Form PTO-1449

**INFORMATION DISCLOSURE CITATION****IN AN APPLICATION***(Use several sheets if necessary)*

Docket Number (Optional)

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Applicant  
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2821MURATA, Kazuhisa, "SiC Brightens Blues for Full-Color LED Display Units," *JEE*, November, 1993, pp. 59-65.LERNER, Eric. J., "Laser Diodes and LEDs Light Optoelectronic Devices," *Laser Focus World*, February, 1997, pp. 109-117.MARTIN, David, et al., "Material Advances Light Full-Color LED Displays," *Laser Focus World*, March 1997, pp. 119-124.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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